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REMARKS

Claims 1-19 are pending in the application. Claims 1-19 are rejected.

Applicant has amended the independent claims in order to clarify the claimed invention.

For example in claim 1 recites judging the packet on whether or not an address designating a transmitting end thereof is in a predetermined range of addresses that are different from the address allocated to a wireless zone formed by a local station and allocated to a wireless zone adjacent to said wireless zone.

In an example embodiment of applicant's invention the IP address allocated to a terminal or a call occurring from a terminal is different in each of the wireless zones, for example a wireless zone formed by a local station and a wireless zone adjacent to said wireless zone.

Claims 9 and 13 are objected to as being identical claims and both depending upon claim 1. Claims 9 and 13 are amended herein to distinguish between the two claims and clarify the invention. The amendments are supported in applicant's specification on p. 29, line 25- p 30, line 3. No new matter is entered.

It is respectfully requested the claim objection be withdrawn.

Claims 1-16 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Okajima et al. (U.S. 2001/18346)(hereinafter Okajima) in view of Miyamoto et al. (2002/2063) (hereinafter Miyamoto).

It is respectfully submitted claims 1-16 are non-obvious over the combination of the two references, for at least the reasons as set forth below.

In the Office Action it is argued that Okajima discloses the receiving section and the judging section of claim 1. The Office Action points to Figs 3-5 and paragraphs 54-56 of Okajima.

However, Okajima only discloses that the transmissions between each of the mobile stations and base stations are realized by routing of packets based on IP addresses as described in paragraph 54 -56 of Okajima.

In paragraph 54 of Okajima it is described that an IP address is assigned to each communication node as described in Fig. 4.

In contrast applicant claims designating a transmitting end thereof is in a predetermined range of addresses that are different from the address allocated to a wireless zone formed by a local station and allocated to a wireless zone adjacent to said wireless zone.

Okajima does not disclose that an address is allocated to a terminal or a call occurring from a terminal is different in each of the wireless zones that are adjacent to each other.

Miyamoto only describes, for example in paragraph 84 updating the transmitting power of the radio channel allotted anew to the mobile station when the wireless zone formed by local station corresponds to the new visit-zone of the completed call occurring in the mobile station or the candidate for the new visit-zone.

Miyamoto does not disclose or imply the judgment of the packet described in claim 1 of whether or not an address designating the transmitting end of the received packet is in a predetermined range of addresses that are different from the address allocated to a wireless zone formed by a local station and allocated to a wireless zone adjacent to said wireless zone.

Moreover, Miyamoto does not disclose or imply the process of forwarding the packet to the radio base station when the judgment result is false, wherein the radio base station forming a wireless zone adjacent to a wireless zone formed by a local station, as in claim 1.

Miyamoto will only update the transmitting power of the radio channel allotted anew to the mobile station to a greater value.

It is respectfully submitted the combination of references, Okajima and Miyamoto, fail to teach or suggest either of the receiving section or the judging section in claim 1. Further the combination of references fail to teach or suggest a network interfacing section for routing the packet when a judgment result is true, and forwarding the packet.

Further applicants also claim a unique combination of features. The combination of features is not suggested by the references themselves. In other words the references do not provide a suggestion or motivation to one skilled in the art to make the stated combination. Nor is there any suggestion that the combination even if made would be successful.

Because of applicant's unique combination of features an advantageous result is achieved as describe in applicant's specification on page p. 7, line 14 – p. 9, line 12. These advantageous results cannot be achieved by the combination of cited references.

Applicant's dependent claims 2-16 are dependent on claim 1. These claims include at least the features described above and additional distinguishing features. Therefore these claims should likewise be deemed allowable.

Claims 17 and 18 are rejected under 35 U.S.C. § 103 as being unpatentable over Buytaert et al.(hereinafter Buytaert) in view of Tofano.

It is respectfully submitted claims 17 and 18 are non-obvious over the combination of the two references, for at least the reasons as set forth below.

In reviewing the two references either of Buytaert or Tofano both perform packet routing in order to realize transmission between the plurality of networks that work under different methods. However, neither of the references specifically disclose how the wireless zones are configured (zoned) in any of different types of systems in relation to a geographic location of the wireless zones and the channel allocations.

In contrast applicant's claimed invention in claims 17 and 18 specifically disclose that the plurality of wireless zones adjacent to each other belong to a common mobile communication system, and that the IP address allocates to a terminal or a call occurred at the terminal is different in each of the wireless zones that are adjacent to each other.

For example applicant's claim 17 recites a network interfacing section for allowing the inter-network interfacing apparatus to physically interface with three networks or more in which routing is executed for each packet and to which different addresses are allocated.

Also, Tofano describes processes performed with reference to information recorded in the lookup table that are all essentially different from the functions of the inter-network interfacing section in claims 17 and 18.

For example applicant claims an inter-network interfacing section for executing routing between the two networks via said network interfacing section and forwarding a packet to the link, the packet being provided from one of the two networks and having a transmitting end with an address being not in a range of addresses allottable to terminals under the inter-network interfacing apparatus.

Tofano fails to teach at least the above feature.

It is respectfully submitted that the combination of Buytaert or Tofano do not disclose these claimed features. It is also submitted that one skilled in the art would not have found the combination of feature obvious in view of Buytaert or Tofano.

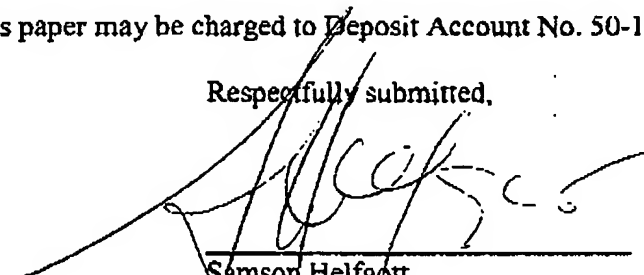
Because of applicant's unique combination of features in claims 17 and 18 an advantageous result is achieved as describe in applicant's specification on page p. 7, line 14 – p. 9, line 12. These advantageous results cannot be achieved by the combination of cited references.

Claim 19 is rejected under 35 U.S.C. § 103 as being unpatentable over Buytaert in view of Tofano, in further view of Baker. It is respectfully submitted claim 19 is non-obvious over the combination of references because the two references, Buytaert in view of Tofano, do not teach the features of the base claim 18 since claim 19 is dependent on claim 18, it should be deemed allowable.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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